

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("514/183,19,601,613,631,649,,914").CCLS"	USPAT	OR	OFF	2004/12/10 16:15
L2	0	("514/183,19,601,613,631,649").CCLS"	USPAT	OR	OFF	2004/12/10 16:15
L3	0	("514/183,19,601,613,631").CCLS"	USPAT	OR	OFF	2004/12/10 16:15
L4	0	("514/183,19,601,613").CCLS"	USPAT	OR	OFF	2004/12/10 16:15
L5	0	("514/183,19,601").CCLS"	USPAT	OR	OFF	2004/12/10 16:16
L6	0	("514/183,19").CCLS"	USPAT	OR	OFF	2004/12/10 16:16
L7	2135	("514/183").CCLS"	USPAT	OR	OFF	2004/12/10 16:16
L8	64	I7 and opiate	USPAT	OR	OFF	2004/12/10 16:16

vs. apply ccls to # 10801695

L Number	Hits	Search Text	DB	Time stamp
1	5928	("514/1,19,183,601,613,631,649").CCLS	USPAT	2004/02/16 08:21
2	904	("540/553,604,609").CCLS	USPAT	2004/02/16 08:22
3	103	("514/1,19,183,601,613,631,649").CCLS and ("540/553,604,609").CCLS)	USPAT	2004/02/16 08:22
4	1665	((("514/1,19,183,601,613,631,649").CCLS) and ("540/553,604,609").CCLS) and RF-amide neuropeptides	USPAT	2004/02/16 08:22
6	100457	((("514/1,19,183,601,613,631,649").CCLS) and ("540/553,604,609").CCLS) and RF-amide neuropeptides) and opiate dependence	USPAT	2004/02/16 08:24
7	136	((("514/1,19,183,601,613,631,649").CCLS) and ("540/553,604,609").CCLS) and RF-amide neuropeptides) and nicotine	USPAT	2004/02/16 08:24
8	73	((("514/1,19,183,601,613,631,649").CCLS) and ("540/553,604,609").CCLS) and RF-amide neuropeptides) and nicotine) and ((("514/1,19,183,601,613,631,649").CCLS) and ("540/553,604,609").CCLS) and RF-amide neuropeptides) and opiate dependence)	USPAT	2004/02/16 08:25

US. App. No. 10801695

10801695

10801695

L Number	Hits	Search Text	DB	Time stamp
1	6092	("514/183,1,19,601,613,631,649").CCLS	USPAT	2004/06/21 08:32
2	9	((("514/183,1,19,601,613,631,649").CCLS) and naphthalene	USPAT	2004/06/21 08:32
3	990	((("514/183,1,19,601,613,631,649").CCLS) and piperazine	USPAT	2004/06/21 08:33
4	10	((("514/183,1,19,601,613,631,649").CCLS) and piperazine) and piperazinone	USPAT	2004/06/21 08:33

US. App. 58 # 10801625
 opened 12/10/02

10801695 3/17/04
10801685 3/17/04
patel 0308820.18

Page 1

of date
8/20
1024
12/10/04

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 40	May 19	Simultaneous left and right truncation added to WSCA

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<6/23/2003>
12/19/04

NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 11:57:46 ON 23 JUN 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:57:56 ON 23 JUN 2003

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STRUCTURE FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

DICTIONARY FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

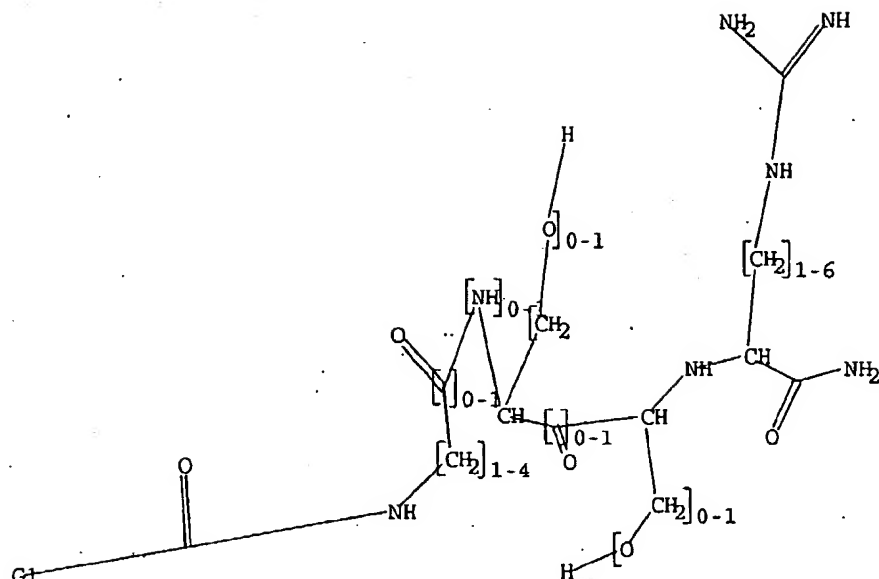
Uploading pctus0308820.21

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1
 G1 Cb,Cy,Hy

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 11:58:22 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 13350 TO ITERATE

7.5% PROCESSED 1000 ITERATIONS
 INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
 SEARCH TIME: 00:00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED ITERATIONS: 260086 TO 273914
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 11:58:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 264388 TO ITERATE

100.0% PROCESSED 264388 ITERATIONS
 SEARCH TIME: 00:00.23

0 ANSWERS

L3 0 SEA SSS FUL L1

Patel

6/23/2003

10801695 6/14/04

1010900.1

Page 1

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LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 SEP 09 CA/Capplus records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/Capplus
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDE/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/Capplus
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
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<2/14/2004>

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FILE 'HOME' ENTERED AT 15:02:58 ON 14 FEB 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 15:03:07 ON 14 FEB 2004

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STRUCTURE FILE UPDATES: 12 FEB 2004 HIGHEST RN 649712-31-2

DICTIONARY FILE UPDATES: 12 FEB 2004 HIGHEST RN 649712-31-2

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

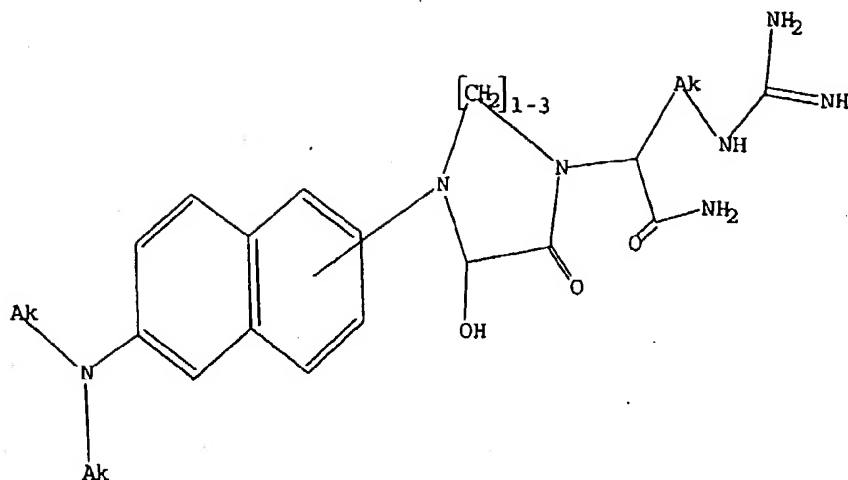
Uploading c:\program files\stnexp\queries\1010900.1

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 15:03:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 15:03:41 ON 14 FEB 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 06) (20040206 ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6673954 06 JAN 2004

DE 10317295 08 JAN 2004

EP 1380632 14 JAN 2004

JP 2004014584 15 JAN 2004

WO 2004004674 15 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

Patel

<2/14/2004>

FULL SEARCH INITIATED 15:03:48 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 3280 TO ITERATE

100.0% PROCESSED 3280 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.13

L3 0 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.42

265.05

FILE 'CAOLD' ENTERED AT 15:04:08 ON 14 FEB 2004
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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s ll sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 15:04:14 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L4 0 SEA SSS FUL L1

L5 0 L4

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

421.31

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS LOGIN Welcome Banner and News Items
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 12:08:32 ON 23 JUN 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:08:36 ON 23 JUN 2003

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STRUCTURE FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

DICTIONARY FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading pctus0308820.23

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:09:06 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 55 TO ITERATE

100.0% PROCESSED 55 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 656 TO 1544

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 12:09:17 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 849 TO ITERATE

100.0% PROCESSED 849 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

STN INTERNATIONAL LOGOFF AT 12:09:32 ON 23 JUN 2003

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	22 Feb 24	PCTGEN now available on STN
NEWS	23 Feb 24	TEMA now available on STN
NEWS	24 Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25 Feb 26	PCTFULL now contains images
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FILE 'HOME' ENTERED AT 12:11:51 ON 23 JUN 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 12:12:00 ON 23 JUN 2003

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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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STRUCTURE FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

DICTIONARY FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading pctus0308820.25

Patel

<6/23/2003>

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 12:12:29 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 61 TO ITERATE

100.0% PROCESSED 61 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 752 TO 1688

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 12:12:36 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 914 TO ITERATE

100.0% PROCESSED 914 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

STN INTERNATIONAL LOGOFF AT 12:12:40 ON 23 JUN 2003

527

MWO
1080685
EPD 3 11/04

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Jun 03 New e-mail delivery for search results now available
NEWS 4 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN
NEWS 5 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 6 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 7 Sep 03 JAPIO has been reloaded and enhanced
NEWS 8 Sep 16 Experimental properties added to the REGISTRY file
NEWS 9 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 10 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 11 Oct 24 BEILSTEIN adds new search fields
NEWS 12 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 13 Nov 18 DKILIT has been renamed APOLLIT
NEWS 14 Nov 25 More calculated properties added to REGISTRY
NEWS 15 Dec 04 CSA files on STN
NEWS 16 Dec 17 PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS 17 Dec 17 TOXCENTER enhanced with additional content.
NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
NEWS 19 Jan 29 Simultaneous left and right truncation added to COMPENDEX,
ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
NEWS 28 Mar 24 PATDPAPULL now available on STN
NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA

NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:12:22 ON 23 JUN 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 08:12:35 ON 23 JUN 2003

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DICTIONARY FILE UPDATES: 22 JUN 2003 HIGHEST RN 535920-83-3

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading pctus0308820.12

Patel

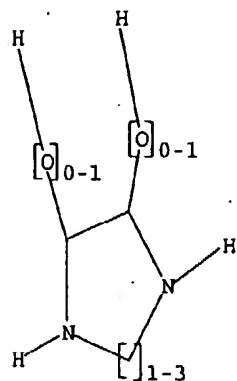
<6/23/2003>

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 08:12:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 112750 TO ITERATE

0.9% PROCESSED 1000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

19 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 40070

L2 19 SEA SSS SAM L1

=> s l1 sss full

FULL SEARCH INITIATED 08:13:03 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - >1,000,000 TO ITERATE

< 17.8% PROCESSED 400000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.07

4977 ANSWERS

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**

PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 27515

L3 4977 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

Patel

<6/23/2003>

	ENTRY	SESSION
FULL ESTIMATED COST	148.15	148.36

FILE 'CAPLUS' ENTERED AT 08:13:28 ON 23 JUN 2003
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FILE COVERS 1907 - 23 Jun 2003 VOL 138 ISS 26
FILE LAST UPDATED: 22 Jun 2003 (20030622/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 1004 L3

=> s 14 and NPFF

L5 0 L4 AND NPFF

=> s 14 and drug addiction

L6 0 L4 AND DRUG ADDICTION

=> s 14 and anti-opiate

L7 0 L4 AND ANTI-OPIATE

=> s 14 and nicotine addiction

L8 0 L4 AND NICOTINE ADDICTION

=> s 14 and obesity

L9 16 L4 AND OBESITY

=> s 14 and opiate

L10 0 L4 AND OPIATE

=> s 14 and abstinence syndrome

L11 0 L4 AND ABSTINENCE SYNDROME

=> s 14 and Rf-amide

L12 0 L4 AND RF-AMIDE

=> s 14 and RF-amide neuropeptide

L13 0 L4 AND RF-AMIDE NEUROPEPTIDE

=> s 14 and neuropeptide

L14 2 L4 AND NEUROPEPTIDE

=> s 14 and CNS

L15 6 L4 AND CNS

=> d his

(FILE 'HOME' ENTERED AT 08:12:22 ON 23 JUN 2003)

FILE 'REGISTRY' ENTERED AT 08:12:35 ON 23 JUN 2003

L1 STRUCTURE UPLOADED

L2 19 S L1

L3 4977 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 08:13:28 ON 23 JUN 2003

L4 1004 S L3

L5 0 S L4 AND NPFF

L6 0 S L4 AND DRUG ADDICTION

L7 0 S L4 AND ANTI-OPIATE

L8 0 S L4 AND NICOTINE ADDICTION

L9 16 S L4 AND OBESITY

L10 0 S L4 AND OPIATE

L11 0 S L4 AND ABSTINENCE SYNDROME

L12 0 S L4 AND RF-AMIDE

L13 0 S L4 AND RF-AMIDE NEUROPEPTIDE

L14 2 S L4 AND NEUROPEPTIDE

L15 6 S L4 AND CNS

=> d 19 fbibhitstr abs total

'FBIBHITSTR' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE

APPS ----- AI, PRAI

BIB ----- AN, plus Bibliographic Data and PI table (default)

CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data

DALL ----- ALL, delimited (end of each field identified)

DMAX ----- MAX, delimited for post-processing

FAM ----- AN, PI and PRAI in table, plus Patent Family data

FBIB ----- AN, BIB, plus Patent FAM

IND ----- Indexing data

IPC ----- International Patent Classifications

MAX ----- ALL, plus Patent FAM, RE

PATS ----- PI, SO

SAM ----- CC, SX, TI, ST, IT

SCAN ----- CC, SX, TI, ST, IT (random display, no answer numbers;
SCAN must be entered on the same line as the DISPLAY,
e.g., D SCAN or DISPLAY SCAN)

STD ----- BIB, IPC, and NCL

IABS ----- ABS, indented with text labels

IALL ----- ALL, indented with text labels

IBIB ----- BIB, indented with text labels

IMAX ----- MAX, indented with text labels

ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

HIT ----- Fields containing hit terms

HITIND ----- IC, ICA, ICI, NCL, CC and index field (ST and IT)
containing hit terms

HITRN ----- HIT RN and its text modification

HITSTR ----- HIT RN, its text modification, its CA index name, and
its structure diagram

HITSEQ ----- HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields

FHITSTR ----- First HIT RN, its text modification, its CA index name, and
its structure diagram

FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
structure diagram, plus NTE and SEQ fields

KWIC ----- Hit term plus 20 words on either side

OCC ----- Number of occurrence of hit term and field in which it occurs

To display a particular field or fields, enter the display field codes. For a list of the display field codes, enter HELP DFIELDS at an arrow prompt (=>). Examples of formats include: TI; TI,AU; BIB,ST; TI,IND; TI,SO. You may specify the format fields in any order and the information will be displayed in the same order as the format specification.

All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR, FHITSTR, HITSEQ, FHITSEQ, KWIC, and OCC) may be used with DISPLAY ACC to view a specified Accession Number.

ENTER DISPLAY FORMAT (BIB):end

=> d 19 fbib hitstr abs total

L9 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2003 ACS

AN 2003:242332 CAPLUS

DN 138:255009

TI Preparation of purine derivatives as inhibitors of the enzyme DPP-IV

IN Kanstrup, Anders B.; Sams, Christian Klarner; Lundbeck, Jane Marie;
Christiansen, Lise Brown; Bowler, Andrew Neil

PA Novo Nordisk A/S, Den.

SO PCT Int. Appl., 63 pp.

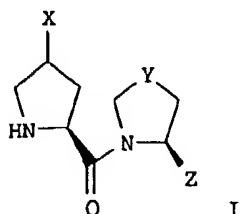
CODEN: PIXXD2

DT Patent

LA English

PAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003024965	A2	20030327	WO 2002-DK608	20020919
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,				



AB The title compds. [I; X = NR₁R₂, NR₃COR₄, NR₅COR₄, NR₅CH₂CH₂NR₆R₇, NR₈SO₂R₉, OR₁₀, O₂CR₁₁; wherein R₁, R₂ = H, alkyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl, or they are linked to each other to form a heterocyclyl contg. 1 or 2 N atoms or O which may be a spiro ring and is optionally fused to an (un)substituted arom. ring; R₃, R₄ = H, alkyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, arylalkenyl, heteroaryl, heteroarylalkyl; R₅, R₆, R₇ = H, alkyl, acyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heteroaryl, or heteroarylalkyl, or which is optionally fused to an (un)substituted arom. ring; R₈, R₉, R₁₀, R₁₁ = H, alkyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, heteroaryl, or heteroarylalkyl] or pharmacol. acceptable salts thereof are prepd. These compds. are useful for the treatment of DPP-IV related diseases such as diabetes, obesity, HIV infection, cancer metastasis, skin diseases, prostatic hypertrophy (prostatomegaly), pericementitis, or autoimmune diseases. Thus, a soln. of 0.924 g (S)-1-[(2S,4S)-4-amino-1-tert-butoxycarbonyl-2-pyrrolidinylcarbonyl]-2-cyanopyrrolidine (prepn. given), 1.7 mL diisopropylethylamine, and 0.78 g 2-chloro-4-fluorobenzonitrile in 10 mL N-methyl-2-pyrrolidone were stirred at 80.degree. for 4 h to give 0.94 g (S)-1-[(2S,4S)-1-tert-butoxycarbonyl-4-(3-chloro-4-cyanophenyl)amino-2-pyrrolidinylcarbonyl]-2-cyanopyrrolidine which (0.93 g) was treated with HCl/EtOAc at room temp. for 15 h to give (S)-1-[(2S,4S)-4-(3-chloro-4-cyanophenyl)amino-2-pyrrolidinylcarbonyl]-2-cyanopyrrolidine hydrochloride (II). II showed IC₅₀ of 0.13 and 0.15 nM against human blood plasma DPP-IV and rat blood plasma DPP-IV, resp.

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 25 OF 33 CAPLUS COPYRIGHT 2003 ACS
AN 2002:72089 CAPLUS
DN 136:134678
TI Preparation of [(2-hydroxyethylamino)cyclylamino]arylsulfonamides as .beta.3 adrenergic receptor agonists
IN Sum, Fuk-Wah; Malamas, Michael Sotirios
PA American Home Products Corporation, USA
SO PCT Int. Appl., 104 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002006274	A1	20020124	WO 2001-US22379	20010716
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ,				

VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

US 2002028797 A1 20020307 US 2000-218589PP 20000717
 US 6444685 B2 20020903 US 2001-904114 20010712
 US 2003027795 A1 20030206 US 2000-218589PP 20000717
 US 2002-205019 20020725
 US 2000-218589PP 20000717
 US 2001-904114 A320010712

OS MARPAT 136:134678

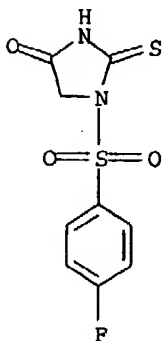
IT 391935-66-3P 391935-67-4P 391935-68-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)

(intermediate; prepn. of [(hydroxyethylamino)piperidiny]benzenesulfona
 mides as .beta.3 adrenergic receptor agonists for treatment of
 metabolic disorders related to insulin resistance or hyperglycemia)

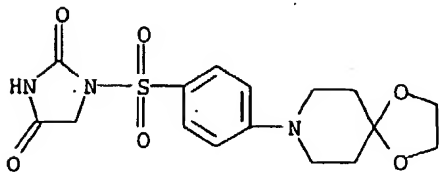
RN 391935-66-3 CAPLUS

CN 4-Imidazolidinone, 1-[(4-fluorophenyl)sulfonyl]-2-thioxo- (9CI) (CA INDEX
 NAME)



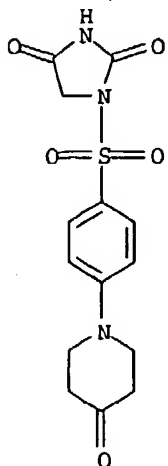
RN 391935-67-4 CAPLUS

CN 2,4-Imidazolidinedione, 1-[[4-(1,4-dioxo-8-azaspiro[4.5]dec-8-
 yl)phenyl]sulfonyl]- (9CI) (CA INDEX NAME)



RN 391935-68-5 CAPLUS

CN 2,4-Imidazolidinedione, 1-[[4-(4-oxo-1-piperidiny]phenyl)sulfonyl]- (9CI)
 (CA INDEX NAME)



IT 391934-53-5P 391934-54-6P 391934-55-7P

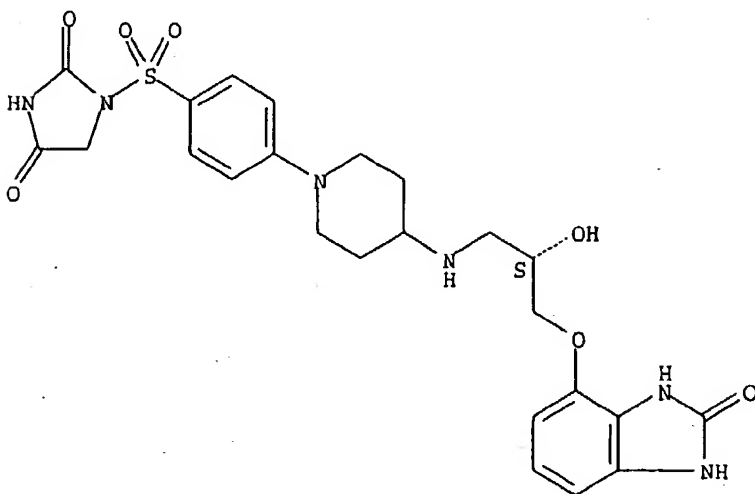
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(.beta.3 agonist; prepn. of [(hydroxyethylamino)piperidinyl]benzenesulfonamides as .beta.3 adrenergic receptor agonists for treatment of metabolic disorders related to insulin resistance or hyperglycemia)

RN 391934-53-5 CAPLUS

CN 2,4-Imidazolidinedione, 1-[[4-[[4-[[[(2S)-3-[(2,3-dihydro-2-oxo-1H-benzimidazol-4-yl)oxy]-2-hydroxypropyl]amino]-1-piperidinyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

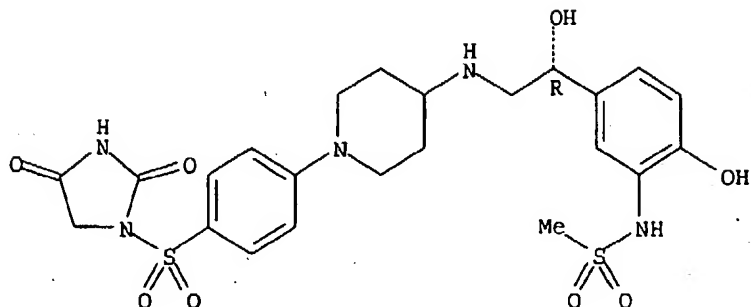


RN 391934-54-6 CAPLUS

CN Methanesulfonamide, N-[5-[(1R)-2-[[1-[4-[(2,4-dioxo-1-imidazolidinyl)sulfonyl]phenyl]-4-piperidinyl]amino]-1-hydroxyethyl]-2-

hydroxyphenyl]- (9CI) (CA INDEX NAME)

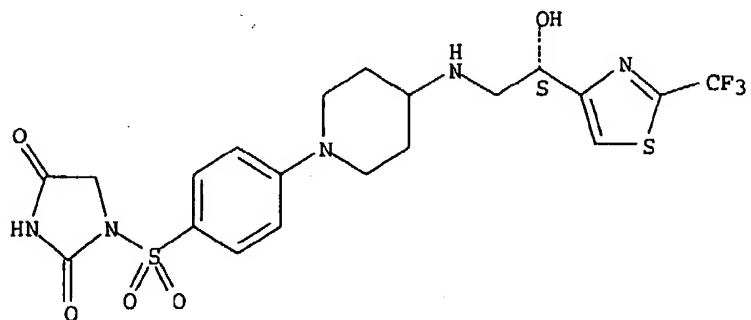
Absolute stereochemistry.



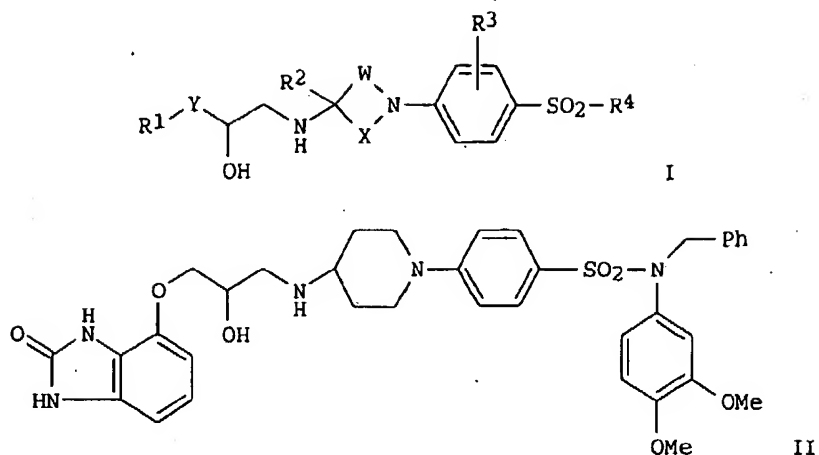
RN 391934-55-7 CAPLUS

CN 2,4-Imidazolidinedione, 1-[[4-[4-[(2S)-2-hydroxy-2-[2-(trifluoromethyl)-4-thiazolyl]ethyl]amino]-1-piperidinyl]phenyl]sulfonyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



GI



AB Title compds. I [wherein W = (CH₂)_m; X = (CH₂)_n; m = 1-3; n = 1-3; Y = OCH₂, SCH₂, or a bond; R₁ = Ph, heterocyclyl, or heteroaryl substituted with R₅ or R₆; R₂ = H, CF₃, alkyl, alkenyl, or alkynyl; R₄ = (cyclo)alkyl, alkenyl, alkynyl, OH, alkoxy, (hetero)aryloxy, (hetero)arylamino, alkoxy-carbonylalkyl, carboxyalkyl, aminosulfonylalkyl, alkylsulfonylalkyl, or (un)substituted Ph, heterocyclyl, heteroaryl, acylamino, amino, etc.; R₃, R₅, and R₆ = independently H, CF₃, (cyclo)alkyl, alkenyl, alkynyl, aryl, heterocyclyl, heteroaryl, arylalkyl, halo, CN, NO₂, OH, alkoxy, (hetero)aryloxy, alkylthio, arylthio, (hetero)arylamino, alkylcarbonylalkyl, aminosulfonylalkyl, arylsulfonylalkyl, etc.; or a pharmaceutically acceptable salt thereof] were prepd. as .beta.3 adrenergic receptor agonists. For example, sodium triacetoxyborohydride was added to a soln. of 4-[(2S)-3-amino-2-hydroxypropoxy]-1,3-dihydrobenzimidazol-2-one, N-benzyl-N-(3,4-dimethoxyphenyl)-4-(4-oxopiperidin-1-yl)sulfonamide, and AcOH in anhyd. DMF. The reaction was stirred overnight and then quenched with 50% H₂O/satd. NaHCO₃ to give II. The latter exhibited selective binding to the .beta.3 adrenergic receptor (EC₅₀ 0.017 .mu.M) compared to the .beta.1 and .beta.2 adrenergic receptors. Thus, I are useful in treating metabolic disorders related to insulin resistance or hyperglycemia (typically assocd. with obesity or glucose intolerance), atherosclerosis, gastrointestinal disorders, neurogenetic inflammation, glaucoma, ocular hypertension, and frequent urination, and are particularly useful in the treatment of type II diabetes.

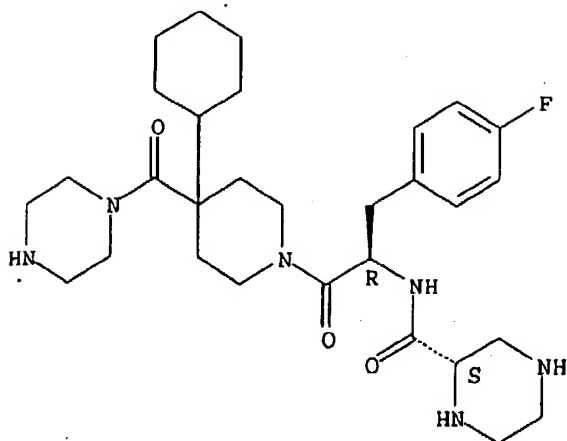
RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 26 OF 33 CAPLUS COPYRIGHT 2003 ACS
AN 2001:713326 CAPLUS
DN 135:272990
TI Preparation of piperazinylcarbonylaminomethylcarbonylpiperidines as melanocortin-4 receptor agonists
IN Palucki, Brenda L.; Barakat, Khaled J.; Guo, Liangqin; Lai, Yingjie; Nargund, Ravi P.; Park, Min K.; Pollard, Patrick G.; Sebhat, Iyassu K.; Ye, Zhixiong
PA Merck + Co., Inc., USA
SO PCT Int. Appl., 220 pp.
CODEN: PIXXD2

DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001070708	A1	20010927	WO 2001-US8935	20010320
	W:				
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	RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. of piperazinylcarbonylaminomethylcarbonylpiperidines as melanocortin-4 receptor agonists)				
RN	363187-41-1 CAPLUS				
CN	2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-(1-piperazinylcarbonyl)-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl]-, (2S)- (9CI) (CA INDEX NAME)				

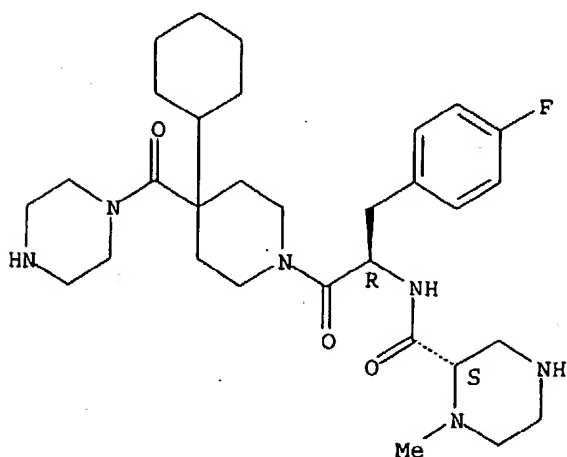
Absolute stereochemistry.



RN 363187-63-7 CAPLUS

CN 2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-(1-piperazinylcarbonyl)-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl]-1-methyl-, (2S)- (9CI) (CA INDEX NAME)

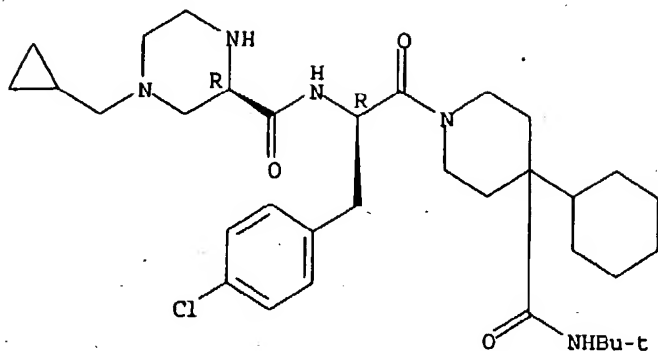
Absolute stereochemistry.



RN 363187-91-1 CAPLUS

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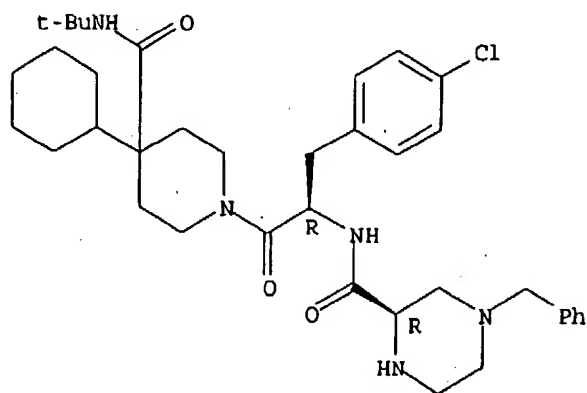
Absolute stereochemistry.



RN 363187-92-2 CAPLUS

CN 2-Piperazinecarboxamide, N-[(1R)-1-[(4-chlorophenyl)methyl]-2-[4-cyclohexyl-4-[[[(1,1-dimethylethyl)amino]carbonyl]-1-piperidinyl]-2-oxoethyl]-4-(phenylmethyl)-, (2R)- (9CI) (CA INDEX NAME)

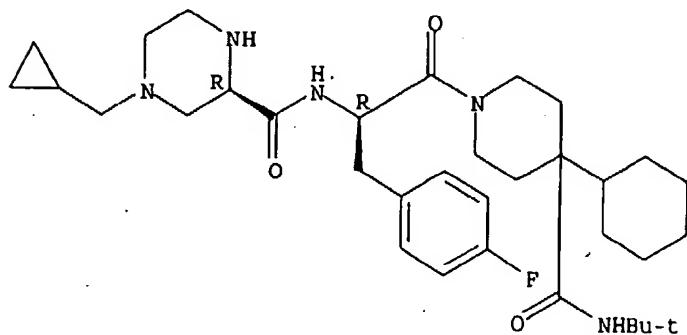
Absolute stereochemistry.



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CN 2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-[[[(1,1-dimethylethyl)amino]carbonyl]-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl]-4-(cyclopropylmethyl)-, (2R)- (9CI) (CA INDEX NAME)

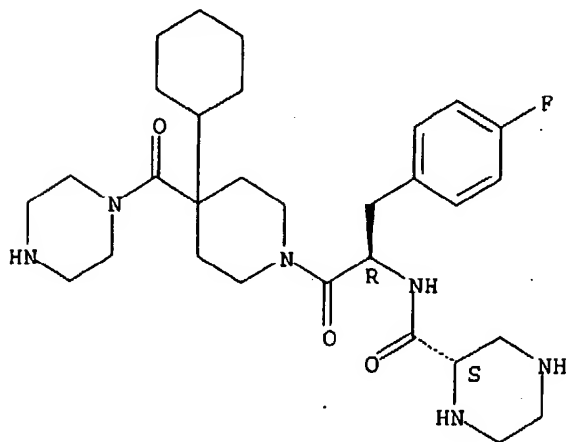
Absolute stereochemistry.



RN 363189-54-2 CAPLUS

CN 2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-(1-piperazinylcarbonyl)-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl]-, dihydrochloride, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

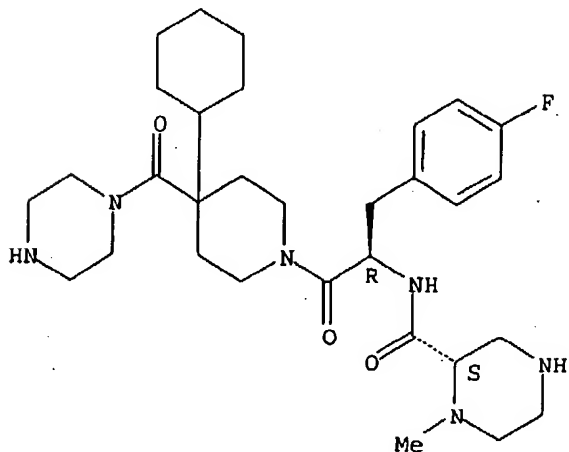


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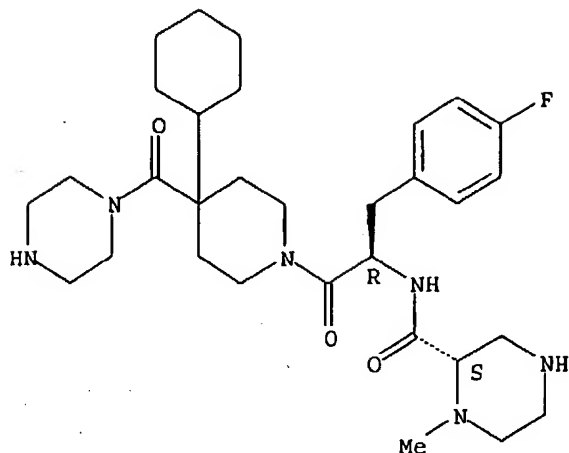
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CN 2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-(1-piperazinylcarbonyl)-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl]-1-methyl-, dihydrochloride, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



2 HCl

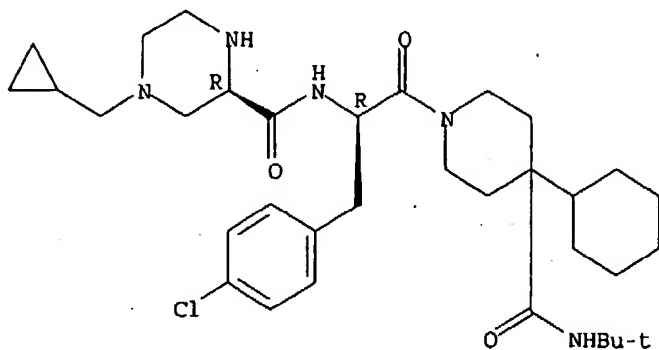


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CN 2-Piperazinecarboxamide, N-[(1R)-1-[(4-chlorophenyl)methyl]-2-[4-cyclohexyl-4-[[[(1,1-dimethylethyl)amino]carbonyl]-1-piperidinyl]-2-oxoethyl]-4-(cyclopropylmethyl)-, dihydrochloride, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

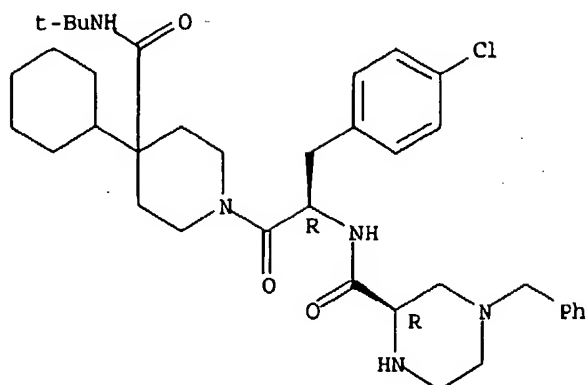


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RN 363190-72-1 CAPLUS

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Absolute stereochemistry.

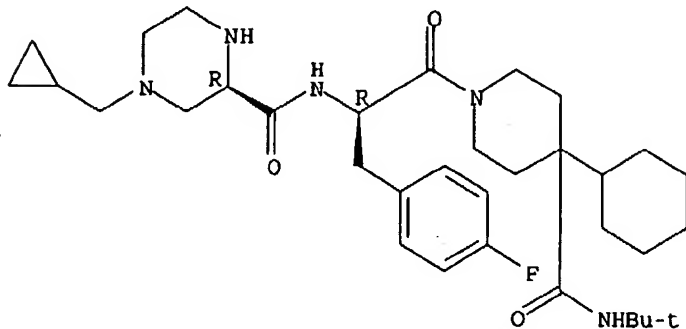


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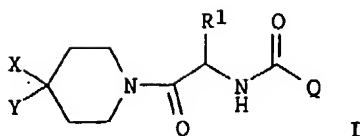
CN 2-Piperazinecarboxamide, N-[(1R)-2-[4-cyclohexyl-4-[(1,1-dimethylethyl)amino]carbonyl]-1-piperidinyl]-1-[(4-fluorophenyl)methyl]-2-oxoethyl)-4-(cyclopropylmethyl)-, dihydrochloride, (2R)-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



●2 HCl

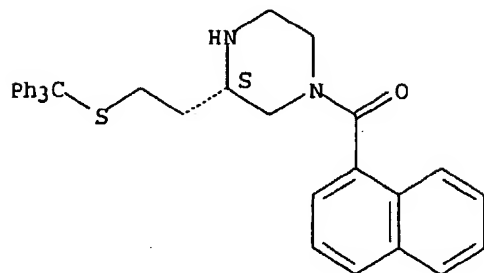
GI



Patel

<6/23/2003>

Absolute stereochemistry.



AB Prenyltransferase inhibitors are used for prepg. a medicine for treating pathologies resulting from prenylation of the .gamma. subunit of G protein. Said diseases comprise in particular diseases related to the following biol. functions or disorders: smell, taste, light perception, neurotransmission, neurodegeneration, endocrine and exocrine gland functioning, autocrine and paracrine regulation, blood pressure, embryogenesis, viral infection, immunol. functions, diabetes, and obesity.

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 33 OF 33 CAPLUS COPYRIGHT 2003 ACS

AN 1999:595178 CAPLUS

DN 131:243258

TI Preparation of thieno[2,3-c]pyrans and thieno[2,3-c]pyridines as modulators of protein tyrosine phosphatases (PTPases)

IN Moller, Niels Peter Hundahl; Andersen, Henrik Sune; Iversen, Lars Fogh; Olsen, Ole Hvilsted; Branner, Sven; Holsworth, Daniel Dale; Bakir, Farid; Judge, Luke Milburn; Axe, Frank Urban; Jones, Todd Kevin; Ripka, William Charles; Ge, Yu; Uyeda, Roy Teruyuki

PA Novo Nordisk A/S, Den.; Ontogen Corporation

SO PCT Int. Appl., 157 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT. 5

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PI WO 9946267	A1	19990916	WO 1999-DK121	19990311
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<6/23/2003>

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US 2003069267 A1 20030410

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PATENT FAMILY INFORMATION:

PAN 1999:595124

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PATENT NO.

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APPLICATION NO. DATE

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DK 1998-346

A 19980312

OS MARPAT 131:243258

IT 243968-00-5P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; prepn. of thieno[2,3-c]pyrans and thieno[2,3-c]pyridines as modulators of protein tyrosine phosphatases (PTPases))

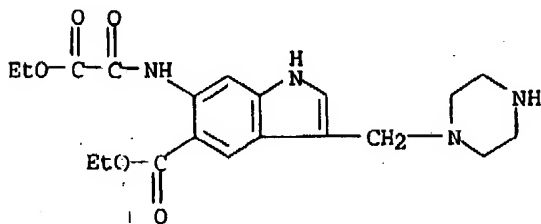
RN 243968-00-5 CAPLUS

CN 1H-Indole-5-carboxylic acid, 6-[(ethoxyoxoacetyl)amino]-3-(1-piperazinylmethyl)-, ethyl ester, mono(trifluoroacetate) (9CI) (CA INDEX NAME)

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CRN 243967-99-9

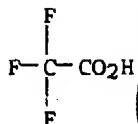
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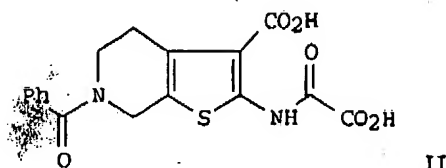
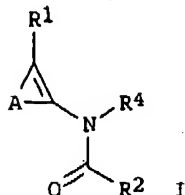
CM 2

CRN 76-05-1

CMF C2 H F3 O2



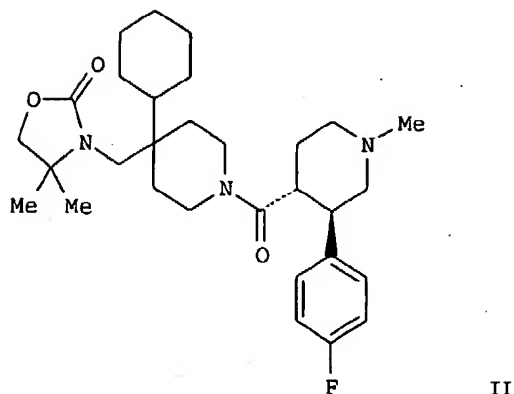
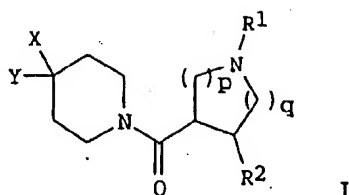
GI



AB Thieno[2,3-c]pyrans and thieno[2,3-c]pyridines (I) [A = atoms to complete various 5/5 and 5/6 bicyclic heterocycles, e.g., thienopyridines,

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AB Certain novel 4-substituted N-acylated piperidine derivs., specifically I, are agonists of the human melanocortin receptor(s) and, in particular, are selective agonists of the human melanocortin-4 receptor (MC-4R) [wherein: p = 1 or 2; q = 0, 1, or 2; n = 0, 1, or 2; R1 = H, amidino, alkylimino, (un)substituted alkyl, (CH2)n-G1 [G1 = (un)substituted cycloalkyl, Ph, naphthyl, or heteroaryl]; R2 = (un)substituted Ph, naphthyl, or heteroaryl; X = alkyl, (CH2)n-G2 [G2 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, heterocyclyl, cyano, CONH2, CO2H, OH, NH2, and various derivs.]; Y = (un)substituted alkyl, alkenyl, (CH2)n-G3 [G3 = (un)substituted cycloalkyl, Ph, naphthyl, heteroaryl, or heterocyclyl]; including pharmaceutically acceptable salts]. They are therefore useful for the treatment, control, or prevention of diseases and disorders responsive to the activation of MC-4R, such as obesity, diabetes, sexual dysfunction, including erectile dysfunction and female sexual dysfunction. Approx. 200 invention compds. I and approx. 80 intermediates were prepd. For instance, amidation of (+-)-trans-1-(tert-butoxycarbonyl)-3-(4-fluorophenyl)piperidine-4-carboxylic acid with 4-cyclohexyl-4-[(4,4-dimethyl-2-oxo-1,3-oxazolidin-3-yl)methyl]piperidine HCl, followed by N-deprotection with removal of BOC using HCl, and reductive N-methylation using paraformaldehyde and NaBH3CN, gave title compd. (+-)-trans-II, isolated as the trifluoroacetate salt. Representative compds. I bound to cloned human MC-4R in vitro with IC50 values generally below 2 μ M, and also acted as agonists toward cloned human MCR in a functional assay with EC50 values less than 1 μ M.

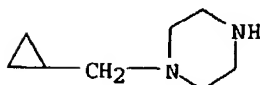
L6 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2003 ACS
 AN 2001:833094 CAPLUS
 DN 135:371639
 TI Preparation of alkylamine derivatives of dihydropyridine as NPY antagonists

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<6/23/2003>

IN Poindexter, Graham S.; Bruce, Marc; Sit, Sing-Yuen; Martin, Scott W.
PA Bristol-Myers Squibb Company, USA
SO PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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PI	WO 2001085173	A1	20011115	WO 2001-US15018	20010510
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	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
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	US 6479482	B2	20021112	US 2001-852983	20010510
				US 2000-202901PP	20000510
OS	MARPAT 135:371639				
IT	373608-42-5P				
	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
	(prepn. of alkylamine derivs. of dihydropyridine as NPY antagonists)				
RN	373608-42-5	CAPLUS			
CN	Piperazine, 1-(cyclopropylmethyl)-, dihydrochloride (9CI)	(CA INDEX NAME)			



●2 HCl

GI

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<6/23/2003>

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now available on STN
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NEWS 18 Dec 17 Adis Clinical Trials Insight now available on STN
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ENERGY, INSPEC
NEWS 20 Feb 13 CANCERLIT is no longer being updated
NEWS 21 Feb 24 METADEX enhancements
NEWS 22 Feb 24 PCTGEN now available on STN
NEWS 23 Feb 24 TEMA now available on STN
NEWS 24 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 25 Feb 26 PCTFULL now contains images
NEWS 26 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 27 Mar 20 EVENTLINE will be removed from STN
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NEWS 29 Mar 24 Additional information for trade-named substances without
structures available in REGISTRY
NEWS 30 Apr 11 Display formats in DGENE enhanced
NEWS 31 Apr 14 MEDLINE Reload
NEWS 32 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 33 Jun 13 Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 34 Apr 21 New current-awareness alert (SDI) frequency in
WPIDS/WPINDEX/WPIX
NEWS 35 Apr 28 RDISCLOSURE now available on STN
NEWS 36 May 05 Pharmacokinetic information and systematic chemical names
added to PHAR
NEWS 37 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 38 May 15 Supporter information for ENCOMPAT and ENCOMPLIT updated
NEWS 39 May 16 CHEMREACT will be removed from STN
NEWS 40 May 19 Simultaneous left and right truncation added to WSCA
NEWS 41 May 19 RAPRA enhanced with new search field, simultaneous left and

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right truncation
NEWS 42 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 43 Jun 06 PASCAL enhanced with additional data
NEWS 44 Jun 20 2003 edition of the FSTA Thesaurus is now available

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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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